

Report of Analysis

Client:	Union Paving & Construction Company	Date Collected:	10/31/24
Project:	Rt. 10 Whippany	Date Received:	10/31/24
Client Sample ID:	RES-BUILDING-PAD-NO-2MSD	SDG No.:	P4663
Lab Sample ID:	P4663-08MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	91.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092811.D	1	11/01/24 09:12	11/01/24 17:06	PB164592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.5		0.20	1.90	ug/kg
319-85-7	beta-BHC	17.8		0.54	1.90	ug/kg
319-86-8	delta-BHC	4.60		0.51	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	15.8		0.21	1.90	ug/kg
76-44-8	Heptachlor	17.9		0.19	1.90	ug/kg
309-00-2	Aldrin	17.0		0.15	1.90	ug/kg
1024-57-3	Heptachlor epoxide	17.4		0.25	1.90	ug/kg
959-98-8	Endosulfan I	17.5		0.19	1.90	ug/kg
60-57-1	Dieldrin	17.5		0.16	1.90	ug/kg
72-55-9	4,4-DDE	18.0		0.14	1.90	ug/kg
72-20-8	Endrin	18.3		0.18	1.90	ug/kg
33213-65-9	Endosulfan II	17.3		0.33	1.90	ug/kg
72-54-8	4,4-DDD	17.4		0.21	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	13.7		0.14	1.90	ug/kg
50-29-3	4,4-DDT	16.8		0.19	1.90	ug/kg
72-43-5	Methoxychlor	17.2		0.42	1.90	ug/kg
53494-70-5	Endrin ketone	15.9		0.24	1.90	ug/kg
7421-93-4	Endrin aldehyde	15.9		0.43	1.90	ug/kg
5103-71-9	alpha-Chlordane	17.7		0.19	1.90	ug/kg
5103-74-2	gamma-Chlordane	17.9		0.21	1.90	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	36.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.5		30 (10) - 150 (148)	67%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		30 (10) - 150 (159)	87%	SPK: 20

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Analytical Method:	SW8081		% Solid:	91.3	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit